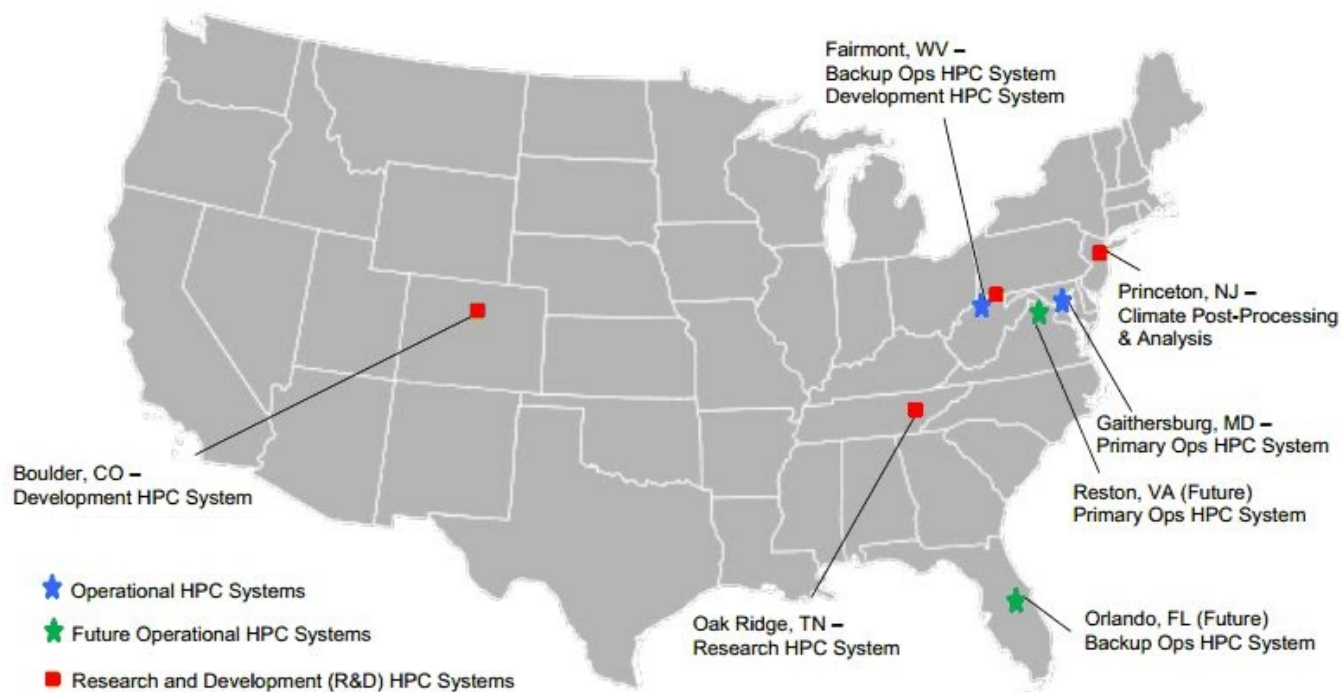# Welcome to NOAA's R&D HPCS Common Documentation

Introduction to NOAA R&D HPC Access

NOAA HPC research (RDHPCS) efforts are organized into **Portfolios** (managed by a Portfolio Manager), which in turn are sub-organized into Projects (managed by PIs). An active user must be a member of at least one project but can be a member of multiple projects in any Portfolio. Portfolio Managers are responsible manage projects and PI's in their portfolio, including CPU allocations and scratch disk quotas. PI's are responsible to control members, and CPU and storage usage for their projects. Your PI and/or Portfolio Manager will be able to give you guidance as to which project to request access to and how to utilize the resources they are responsible for.

To access the RDHPCS resources, a prospective user must request to become a member of at least one project, and be granted permission from the PI (and meet the other **user requirements**). To formally request access to a project, the Account Information Management (AIM) tool must be used.

To create a new project within a Portfolio, the Portfolio Manager needs to allocate CPU and/or disk quota from within their approved allocations, designate an eligible PI, designate at least one member, and provide a project name, preferred acronym, and description. **Portfolio manager**.

To create a portfolio, a prospective Portfolio manager must work through the **NOAA HPC Allocation committee**.

Common Reference Information:

- Getting an RDHPCS Account
- Logging In
- Submitting Help Request

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